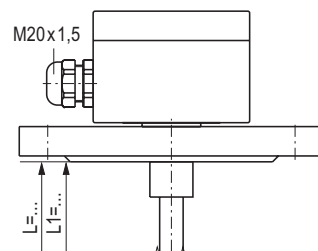
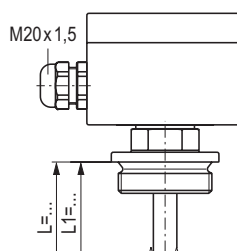
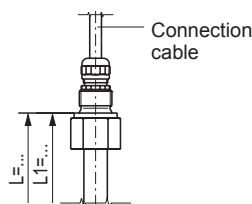


KSR Magnetic Float Switches



Stainless steel SS 316 Ti (1.4571)



ERV-...-V-L.../-V-A-1...

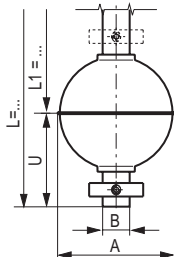
ARV-...-V-L.../V...A

AFV-.../-...-V-L.../V...A

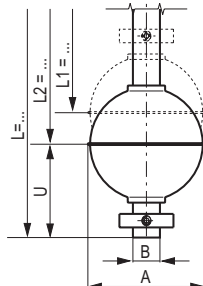
Electrical connection	Cable PVC grey, PVC blue, Silicone, Ölflex		Terminal box Aluminium 64 x 58 x 34 mm, with 1 contact Aluminium 80 x 75 x 57 mm, 2 or more contacts Option Polypropylene, Polyester, Stainless steel			
Process connection	Mounting thread upwards BSP 3/8"		Mounting thread downwards BSP 1 1/2" or BSP 2"		Mounting flange DIN DN50-DN200, PN6-PN100 ANSI 2"-8", Class 150-600	
Guide tube - OD	12 or 14 mm	18 mm	12 or 14 mm	18 mm	12 or 14 mm	18 mm
Guide tube length max.	3000 mm	6000 mm	3000 mm	6000 mm	3000 mm	6000 mm
Float	V44A, V52A, V62A, V83A V80A, V98A, V105A, V120A		guide tube - OD 12 or 14 mm guide tube - OD 18 mm			
Limit S.G. 85% Limit S.G. 50% Nominal pressure	see KSR Floats page 32/33					
Temperature range standard	PVC / Ölflex cable -10°C... +80°C Silicone cable -30°C...+150°C		-30°C...+150°C			
High temperature			Optional code (HT..) +150°C...+300°C			see page 34
Low temperature			Optional code (TT..) -30°C...-196°C			
Switch function	optional closing S , opening O or change-over SPDT U - on rising level					
Number of contacts	PVC cable Silicone cable	6 x S or O or 4 x U 3 x S or O or 2 x U	6 x S or O or 4 x U			
Switch rating	closing opening change-over	230V AC; 100VA; 1A 230V AC; 100VA; 1A 230V AC; 40VA; 1A	230V DC; 50W; 0.5A 230V DC; 50W; 0.5A 230V DC; 20W; 0.5A			
Attention: Designs without earthing connection - use low voltage only e.g. contact protection relays (see catalogue 1011) or external protective earth						
Orientation	vertical ± 30°					
Ingress protection	IP 65					
Materials 1.4435, 1.4539, Titanium, Hastelloy and others available upon request						

1003-5

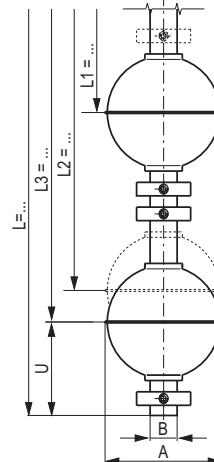
1 contact



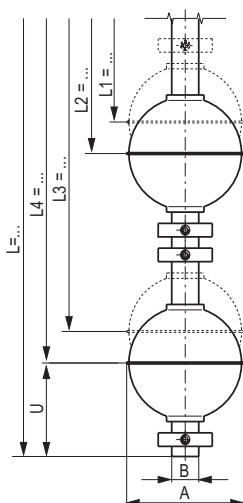
2 contacts



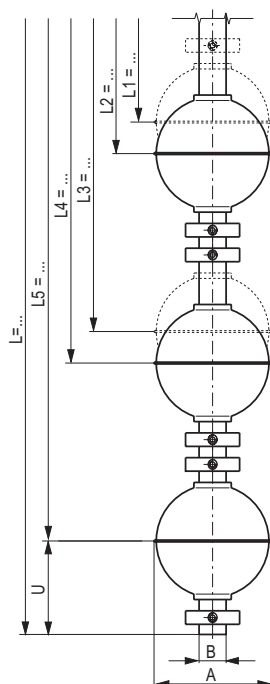
3 contacts



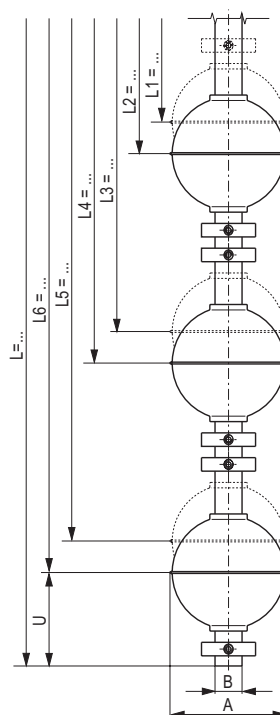
4 contacts



5 contacts



6 contacts



Float type	A mm	B mm	L1 min. mm	U min. mm	Distance between contacts	
					2 contacts 1 float mm	2 contacts 2 floats mm
V44A	44	12 or 14	55	45	20	80
V52A	52	12 or 14	55	45	20	80
V62A	62	12 or 14	60	50	20	90
V83A	83	12 or 14	70	60	20	110
V80A	80	18	90	65	20	125
V98A	98	18	100	75	20	145
V105A	105	18	105	80	20	155
V120A	120	18	115	90	20	170

Connection diagrams page 34/35